## IN THE CLAIMS

1. (Currently Amended) A method of manufacturing a liquid crystal display (LCD) device, comprising:

forming a photo-sensitive layer over a substrate;
forming a photo-insensitive layer over the photo-sensitive layer;
exposing a portion of the photo-sensitive layer to a radiation source through the
photo-insensitive layer via a photo-mask to a radiation source; and
contacting the portion of the photo-sensitive layer using a developing solution.

- 2. (Original) The method of claim 1, wherein said contacting dissolves the portion of the photo-sensitive layer and removes the portion of the photo-insensitive layer overlying the portion of the photo-sensitive layer together.
- 3. (Original) The method of claim 1, wherein the photo-insensitive layer is formed of photo-insensitive resin.
- 4. (Original) The method of claim 3, wherein the photo-insensitive resin is selected from the group consisting of photo-insensitive PFCB, photo-insensitive BCB, photo-insensitive polyimide and photo-insensitive SOG.
- 5. (Original) The method of claim 1, wherein the radiation source is electron beam radiation, x-ray radiation, or ultraviolet radiation.
- 6. (Original) The method of claim 1, wherein the developing solution includes an alkaline solution.
- 7. (Original) The method of claim 6, wherein said alkaline solution is TMAH.
- 8. (Original) The method of claim 1, wherein the photo-sensitive layer is formed of photo-sensitive resin.

- 9. (Original) The method of claim 8, wherein the photo-sensitive resin is selected from the group consisting of photo-sensitive acrylic resin, photo-sensitive BCB, photo-sensitive PFCB and photo-sensitive polyimide.
- 10. (Original) The method of claim 1, wherein the thickness of the photo-sensitive layer is between approximately 0.1 and 8  $\mu$ m.
- 11. (Original) The method of claim 1, wherein the thickness of the photo-insensitive layer is between approximately 0.1 and 8 μm.
- 12. (Original) The method of claim 1, wherein the thickness ratio of the photo-insensitive layers to the total thickness of the photo-sensitive layer and photo-insensitive layer is not more than approximately 50%.
- 13. (Original) The method of claim 1, wherein the dielectric constant of the photosensitive layer is between approximately 2.5 and 4.0.
- 14. (Original) The method of claim 1, wherein the dielectric constant of the photo-insensitive layer is between approximately 1.5 and 3.5.
- 15. (Original) The method of claim 1, wherein the combined dielectric constant of the photo-sensitive layer and the photo-insensitive layer is between approximately 1.5 and 3.5.
- 16. (Original) The method of claim 1, wherein said forming the photo-insensitive layer and said forming the photo-sensitive layer are performed consecutively.
- 17. (Original) The method of claim 1, further comprising, curing the photo-insensitive layer and the photo-sensitive layer at the same time.
- 18. (Original) The method of claim 17, further comprising: forming a transparent electrode layer overlying the resulting structure.

19. (Original) A method of manufacturing a liquid crystal display (LCD) device, comprising:

forming a gate bus line over an insulating substrate;

forming a gate insulator over the gate bus line;

forming a drain electrode over the gate insulator;

forming a photo-sensitive layer over a substrate;

forming a photo-insensitive layer over the photo-sensitive layer;

exposing a portion of the photo-sensitive layer via a photomask to a radiation source, contacting the portion of the photosensitive layer using a developing solution through the photo-insensitive layer to remove the portion of the photo-sensitive layer and an immediately overlying portion of the photo-insensitive layer;

curing the photo-insensitive layer and the photo-sensitive layer at the same time; and forming a transparent electrode layer overlying the resulting structure.

- 20. (Original) The method of claim 19, wherein the transparent electrode layer includes indium tin oxide (ITO).
- 21. (Original) The method of claim 20, the insulating substrate is formed of transparent material.
- 22. (Original) The method of claim 19, wherein photo-insensitive layer is formed of photo-insensitive resin.
- 23. (Original) The method of claim 21, wherein the photo-insensitive resin is selected from the group consisting of photo-insensitive PFCB, photo-insensitive BCB, photo-insensitive polyimide and photo-insensitive SOG.
- 24. (Original) The method of claim 18, wherein the developing solution comprises an alkaline solution.
- 25. (Original) The method of claim 24, wherein said alkaline solution is TMAH.
- 26. (Original) The method of claim 18, wherein the photo-sensitive layer is formed of photo-sensitive resin.

- 27. (Original) The method of claim 26, wherein the photo-sensitive resin is one selected from the group consisting of photo-sensitive acrylic resin, photo-sensitive BCB, photo-sensitive PFCB and photo-sensitive polyimide.
- 28. (Original) The method of claim 19, wherein the thickness of the photo-sensitive layer is between approximately 0.1 and 8  $\mu$ m and the thickness of the photo-insensitive layer is between approximately 0.1 and 8  $\mu$ m.
- 29. (Original) The method of claim19, wherein the thickness ratio of the photo-insensitive layers to the total thickness of the photo-sensitive layer and photo-insensitive layer is not more than approximately 50%.
- 30. (Original) The method of claim 19, wherein the dielectric constant of the photosensitive layer is between approximately 2.5 and 4.0.
- 31. (Original) The method of claim 19, wherein the dielectric constant of the photo-insensitive layer is between approximately 1.5 and 3.5.
- 32. (Original) The method of claim 19, wherein the combined dielectric constant of the photo-sensitive layer and the photo-insensitive layer is between approximately 1.5 and 3.5.
- 33. (Original) The method of claim 19, wherein the photosensitive layer has a thickness of approximately 1.5  $\mu$ m and photo-insensitive layer has a thickness of approximately 1.5  $\mu$ m.
- 34. (Withdrawn) A liquid crystal display (LCD) device comprising: an insulating substrate,
  - a gate bus line formed overlying the substrate;
  - a gate insulating layer formed over the gate bus line;
  - a drain electrode formed over the gate insulating layer; and
- a multi-layer interlayer insulator formed overlying the drain electrode, the multi-layer interlayer insulator having a through hole.

- 35. (Withdrawn) The LCD device of claim 34, further comprising: a pixel electrode formed over the multi-layer interlayer insulator including the through hole.
- 36. (Withdrawn) The LCD device of claim 34, wherein the multi-layer interlayer insulator comprises a photo-sensitive resin and a photo-insensitive resin overlying the photosensitive resin.
- 37. (Withdrawn) The LCD device of claim 36, wherein the photo-insensitive resin is selected from the group consisting of photo-insensitive PFCB, photo-insensitive BCB, photo-insensitive polyimide and photo-insensitive SOG.
- 38. (Withdrawn) The LCD device of claim 36, wherein the photo-sensitive layer is formed of one selected from the group consisting of photo-sensitive acrylic resin, photosensitive BCB, photo-sensitive PFCB and photo-sensitive polyimide.
- 39. (Withdrawn) The LCD device of claim 34, wherein the thickness of the photosensitive layer is between approximately 0.1 and  $8 \mu m$ .
- 40. (Withdrawn) The LCD device of claim 34, wherein the thickness of the photo-insensitive layer is between approximately 0.1 and 8  $\mu$ m.
- 41. (Withdrawn) The LCD device of claim 34, wherein the thickness ratio of the photo-insensitive layers to the total thickness of the photo-sensitive layer and photo-insensitive layer is not more than approximately 50%.
- 42. (Withdrawn) The LCD device of claim 34, wherein the dielectric constant of the photo-sensitive layer is between approximately 2.5 and 4.0.
- 43. (Withdrawn) The LCD device of claim 34, wherein the dielectric constant of the photo-insensitive layer is between approximately 1.5 and 3.5.

- 44. (Withdrawn) The LCD device of claim 34, wherein the combined dielectric constant of the photo-sensitive layer and the photo-insensitive layer is between approximately 1.5 and 3.5.
- 45. (Withdrawn) The LCD device of claim 34, wherein the photosensitive layer has a thickness of approximately 1.5  $\mu$ m and photo-insensitive layer has a thickness of approximately 1.5  $\mu$ m.
- 46. (Withdrawn) A liquid crystal display (LCD) device comprising:
  - a transparent insulating substrate,
  - a gate bus line formed overlying the substrate;
  - a gate insulating layer formed over the gate bus line;
  - a drain electrode formed over the gate insulating layer;
- a multi-layer interlayer insulator formed overlying the drain electrode, the multi-layer interlayer insulator having a through hole; and
- a transparent electrode formed over the multi-layer interlayer insulator including the through hole,

wherein the multi-layer interlayer insulator comprises a photo-sensitive resin and a photo-insensitive resin overlying the photo-sensitive resin.

- 47. (Withdrawn) The LCD device of claim 46, wherein the photo-insensitive-resin is selected from the group consisting of photo-insensitive PFCB, photo-insensitive BCB, photo-insensitive polyimide and photo-insensitive SOG.
- 48. (Withdrawn) The LCD device of claim 46, wherein the photo-sensitive layer is formed of one selected from the group consisting of photo-sensitive acrylic resin, photo-sensitive BCB, photo-sensitive PFCB and photo-sensitive polyimide.
- 49. (New) The method of claim 1, wherein the developing solution reaches the underlying photosensitive layer through the photo-insensitive layer.